

VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

☒ **Conceptual Proposal** ☐ **Final Proposal**

Date 06/11/10

Contract ID 100122-901

Job No. J9P0596

County Shannon 60

Original Bid Cost 4,686,000.00

Contractor Pace Construction Co

By Jason S. Poor

Designed By Pace Construction/MoDOT

Phone 417-372-2544

VECP# 10-60 (to be completed by C.O.)

VECP ☒ or PDVECP ☐

1. **Description of existing requirements and proposed change(s). Advantages/Disadvantages**
See attached.

2. **Estimate of reduction in construction costs.** \$0

3. **Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.**

The area of pavement that MoDOT has to maintain will be reduced by a minimum of 16,400SY, which will result in substantial maintenance savings at some time in the future. Also, if MoDOT opted to let a contract to remove the material, rather than maintaining it, the current value of this contract would be about \$130,000.

4. **Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.**

06/14/10

(date)

5. **Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.**

07/09/10

(date)

(effect)

6. **Dates of any previous or concurrent submission of the same proposal.**

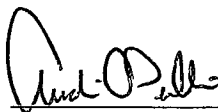
(date and/or dates)

Additional Comments:

**** Portion Below This Line To Be Filled Out by MoDOT ****

Comments:

APPROVAL RECOMMENDED



AUDIE A. PULLIAM
Submitted By Resident Engineer

6/21/10

Date

Comments:

District concurs



Approval
Recommended



District Engineer

7/10/10

Date



Rejection
Recommended

Comments:



Approval
Recommended



Rejection
Recommended

Federal Highway Administration
Required for FHWA Full Oversight Projects

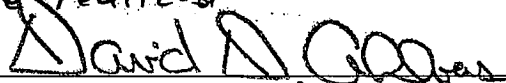
Date

Comments:

Agree w/ District and P.E. Although this is initially a ~~no~~ cost savings, future savings will be realized



Approval



State Construction and Materials Engineer

7-8-10

Date



Rejection

Distribution: Resident Engineer, Project Manager, District Construction & Materials Engineer, State Construction & Materials Engineer, FHWA Value Engineering Administrator - MoDOT, P. O. Box 270, Jefferson City, MO 65102



PACE CONSTRUCTION COMPANY

1) **Description of existing requirements and proposed changes.**

There is currently no work to be done on the sections of roadway that have climbing/passing lanes on this project. This current section varies from 60' to 48' in width. We are proposing to remove the excess asphalt which will be of no benefit once the new four lane facility is opened to traffic. The new section would be 38' in width (2-12' driving lanes, 4' inside shoulder, and 10' outside shoulder). The excess asphalt will be removed from mutually agreed upon areas, and will become the property of Pace Construction Company. In the areas where the asphalt is removed, dirt will be imported in order to tie back into the existing slopes, with a 4:1 minimum slope. All disturbed areas will be reseeded with cool season grass. Ditch checks will be installed in areas where the runoff will leave the project. Traffic control will be handled in accordance with existing contract traffic control plan. All work will comply with the latest MoDOT specifications.

VALUE ENGINEERING CHECK SHEET

TYPE OF WORK

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☐ TCP/MOT
- ☐ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☒ Misc. Removal of Asphalt Pavement

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

Contractor proposes to remove asphalt pavement from climbing or passing lanes that will not be utilized once the 4-lane facility is open to traffic. This material will become property of the contractor. In return the where the pavement is removed the contractor will import dirt and construct a minimum 4:1 slope and seed these areas. Although there is no initial cost savings with this VE proposal, there will be future costs in the maintenance of these areas.

SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.
